

538,814

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau(43) International Publication Date
1 July 2004 (01.07.2004)

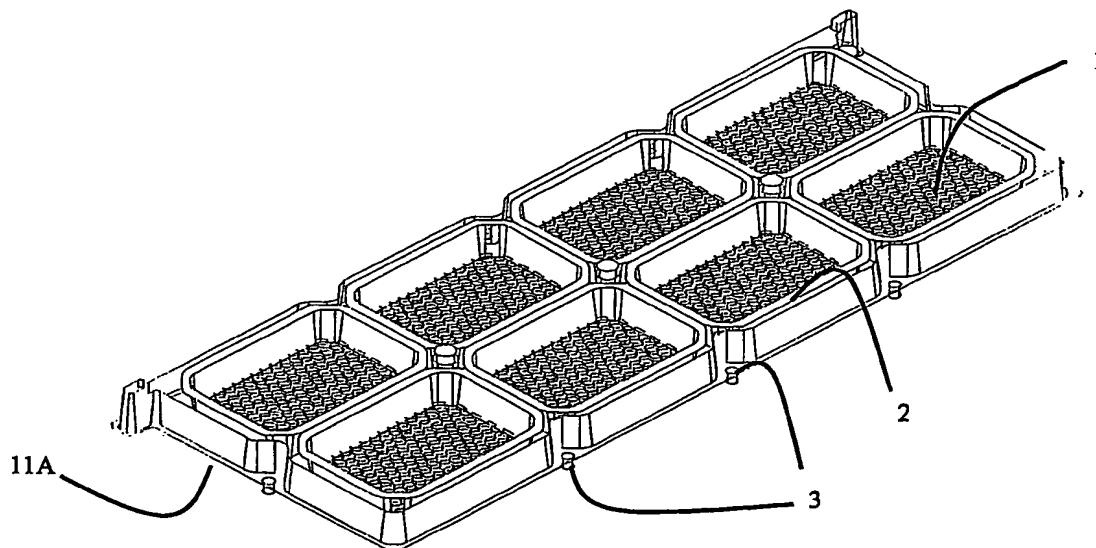
PCT

(10) International Publication Number
WO 2004/054353 A2

- (51) International Patent Classification⁷: **A01K**
 (21) International Application Number: PCT/IB2003/006496
 (22) International Filing Date: 12 December 2003 (12.12.2003)
 (25) Filing Language: English
 (26) Publication Language: English
 (30) Priority Data: 60/433,495 13 December 2002 (13.12.2002) US
 (71) Applicant (for all designated States except US): **BEE-O-SPHERE TECHNOLOGIES** [CA/CA]; 303 Charlotteville West 1/4 Line RR#1, St. Williams, Ontario NOE 1PO (CA).
 (72) Inventors; and
 (75) Inventors/Applicants (for US only): **BIGHAM, Ian, B.** [CA/CA]; 303 West 1/4 Line RR#1, St. Williams, Ontario
- (81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
 (84) Designated States (*regional*): ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:
 — without international search report and to be republished upon receipt of that report

[Continued on next page]

(54) Title: DEVICE FOR THE PRODUCTION OF COMB HONEY



Frame Half A

(57) Abstract: A device for the collection and packaging of comb honey comprises a frame structured to fit within a honey collection section of a beehive, such as a beehive super. The frame has a plurality of cavities for collecting the honey. The frame has separation structures between the cavities to facilitate separation of the cavities from the frame. In another embodiment, the frame has opposing sides and a plurality of outwardly facing cavities in each of the sides for collecting the honey. In another embodiment, the frame comprises first and second frame halves on opposing sides of the frame. Each of the frame halves includes a backside that is enclosed by the frame to keep bees away from the backside.

WO 2004/054353 A2



For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.